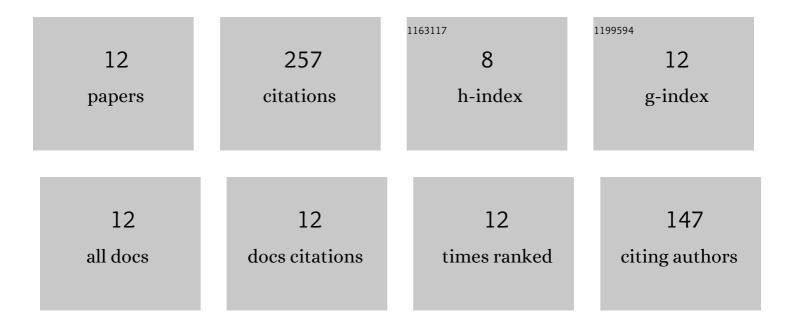
Qi Mingfan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1469080/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The influence of Gd content on the microstructure, mechanical properties, corrosion behavior and corrosion film deposition mechanisms of as-extruded Mg–Zn–Mn–Sr–Gd alloys for biomedical applications. Journal of Materials Science, 2022, 57, 2053-2072. | 3.7 | 4 |
| 2 | Microstructure refinement and corrosion resistance improvement mechanisms of a novel Al-Si-Fe-Mg-Cu-Zn alloy prepared by ultrasonic vibration-assisted rheological die-casting process. Corrosion Science, 2021, 180, 109180. | 6.6 | 31 |
| 3 | Synchronously Improving the Thermal Conductivity and Mechanical Properties of Al–Si–Fe–Mg–Cu–Zn Alloy Die Castings Through Ultrasonic-Assisted Rheoforming. Acta Metallurgica Sinica (English Letters), 2021, 34, 1331-1344. | 2.9 | 5 |
| 4 | Effect of extrusion on the microstructure and corrosion behaviors of biodegradable Mg–Zn–Y–Gd–Zr alloy. Journal of Materials Science, 2020, 55, 1231-1245. | 3.7 | 24 |
| 5 | Microstructures refinement and mechanical properties enhancement of aluminum and magnesium alloys by combining distributary-confluence channel process for semisolid slurry preparation with high pressure die-casting. Journal of Materials Processing Technology, 2020, 285, 116800. | 6.3 | 21 |
| 6 | Improvement in mechanical, thermal conductivity and corrosion performances of a new high-thermally conductive Al-Si-Fe alloy through a novel R-HPDC process. Journal of Materials Processing Technology, 2020, 279, 116586. | 6.3 | 33 |
| 7 | Microstructures, mechanical properties, and corrosion behavior of novel high-thermal-conductivity hypoeutectic Al-Si alloys prepared by rheological high pressure die-casting and high pressure die-casting. Journal of Alloys and Compounds, 2018, 749, 487-502. | 5.5 | 49 |
| 8 | Microstructure, mechanical properties and corrosion behavior of Rheo-HPDC a novel Al-8Si-Fe alloy. Materials Letters, 2018, 213, 378-382. | 2.6 | 17 |
| 9 | Improving Microstructure and Mechanical Properties for Large-Diameter 7075 Aluminum Alloy Ingots by a Forced Convection Stirring Casting Process. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2017, 48, 993-1003. | 2.1 | 2 |
| 10 | A forced convection stirring process for Rheo-HPDC aluminum and magnesium alloys. Journal of Materials Processing Technology, 2016, 234, 353-367. | 6.3 | 47 |
| 11 | Effects of Processing Parameters on Microstructure and Mechanical Properties of Rheomolded AZ91D Magnesium Alloy. Transactions of the Indian Institute of Metals, 2016, 69, 673-682. | 1.5 | 2 |
| 12 | R-HPDC Process with Forced Convection Mixing Device for Automotive Part of A380 Aluminum Alloy. Materials, 2014, 7, 3084-3105. | 2.9 | 22 |